

BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone
BBMP/2024-25/OW/WORK_INDENT5363

Executive Engineer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:BBMP/EE/YNK-D/KPPP/13/2024-25 Dt:13/11/2024

APPROVED TENDER SCHEDULE - B

Item-09

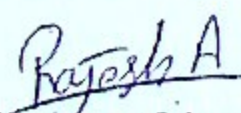
Name of Work:-Maintenance and Repairs of Existing Borewells in 110 Village areas of Kempegowda
ward No 01

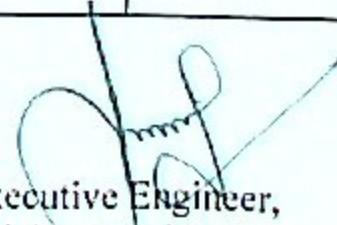
Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri.RAJESH A(R R ENGINEERING WORKS)	
				Rate	Rate in words
1	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc For all types of submersible pumpsets above 10 HP and upto 11 H.P as per the Directions	Nos	25.00	5311.19	Five Thousand Three Hundred Eleven Paise Nineteen Only
2	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc For all types of submersible pumpsets above 12 HP and upto 13 H.Pas per the Directions	Nos	25.00	6161.89	Six Thousand One Hundred SixtyOne Paise EightyNine Only
3	Rewinding of submersible pumpset with copper winding wires of appropriate guage, as per specifications and / or directions of the departmental officials, including all materials, labour, equipment and testing. for all types of submersible pumpsets etc For all types of submersible pumpsets above 12 HP and upto 13 H.Pas per the Directions	Nos	5.00	9197.01	Nine Thousand One Hundred NinetySeven Paise One Only
4	The bowls of same type and make as per the Directions of EGINEER In-Charge.	Each	20.00	1544.85	One Thousand Five Hundred FourtyFour Paise EightyFive Only
5	The Intermediate piece (IP) with IP lead bronze brush as per the Directions of EGINEER In-Charge.	Each	20.00	1081.40	One Thousand EightyOne Paise Fourty Only
6	The Oil Seal as per the Directions of EGINEER In-Charge.	Each	20.00	360.47	Three Hundred Sixty Paise FourtySeven Only
7	The Oil Seal and steel bush as per the Directions of EGINEER In-Charge.	Each	20.00	257.48	Two Hundred FiftySeven Paise FourtyEight Only
8	The Guide Vane as per the Directions of EGINEER In-Charge.	Each	20.00	720.93	Seven Hundred Twenty Paise NinetyThree Only
9	The Impeller (Shell moulded with aluminium and bronze.) as per the Directions of EGINEER In-Charge.	Each	20.00	1544.85	One Thousand Five Hundred FourtyFour Paise EightyFive Only
10	The discharge outlet (DO) bearing DO steel brush DO bearing as per the Directions of EGINEER In-Charge.	Each	20.00	2111.30	Two Thousand One Hundred Eleven Paise Thirty Only
11	The steel bearing bush (DO steel bush) as per the Directions of EGINEER In-Charge.	Each	20.00	411.96	Four Hundred Eleven Paise NinetySix Only

12	The allen screw as per the Directions of EGINEER In-Charge.	Each	20.00	1235.88	One Thousand Two Hundred ThirtyFive Paise EightyEight Only
13	The pump shaft made out of stainless steel counterless ground with key way (upto 8 stages). Extra for Each stage @ Rs.40/- as per the Directions of EGINEER In-Charge.	Each	20.00	1544.85	One Thousand Five Hundred FourtyFour Paise EightyFive Only
14	Pump key (stainless steel) as per the Directions of EGINEER In-Charge.	Each	20.00	669.44	Six Hundred SixtyNine Paise FourtyFour Only
15	Pump coupling (stainless steel) as per the Directions of EGINEER In-Charge.	Each	20.00	1544.85	One Thousand Five Hundred FourtyFour Paise EightyFive Only
16	Non-return valve (NRV) assembly complete with rubber 'O' ring as per the Directions of EGINEER In-Charge.	Each	20.00	669.44	Six Hundred SixtyNine Paise FourtyFour Only
17	Cable Guad as per the Directions of EGINEER In-Charge.	Each	20.00	360.47	Three Hundred Sixty Paise FourtySeven Only
18	Strainer as per the Directions of EGINEER In-Charge.	Each	20.00	463.46	Four Hundred SixtyThree Paise FourtySix Only
19	Brass filter as per the Directions of EGINEER In-Charge.	Each	20.00	1081.40	One Thousand EightyOne Paise Fourty Only
20	The Labour Charges for overhauling of the pump set as per the Directions of EGINEER In-Charge.	Each	20.00	926.91	Nine Hundred TwentySix Paise NinetyOne Only
21	Upper Flange as per the Directions of EGINEER In-Charge.	Each	30.00	669.44	Six Hundred SixtyNine Paise FourtyFour Only
22	Lower Flange as per the Directions of EGINEER In-Charge.	Each	30.00	669.44	Six Hundred SixtyNine Paise FourtyFour Only
23	Lower Housing as per the Directions of EGINEER In-Charge.	Each	30.00	1235.88	One Thousand Two Hundred ThirtyFive Paise EightyEight Only
24	Lock Ring as per the Directions of EGINEER In-Charge.	Each	30.00	360.47	Three Hundred Sixty Paise FourtySeven Only
25	Carbon Housing as per the Directions of EGINEER In-Charge.	Each	30.00	2059.80	Two Thousand FiftyNine Paise Eighty Only
26	The Carbon Housing (Thrust bearing block assembly complete with segment bearing pad as per the Directions of EGINEER In-Charge.	Each	30.00	2265.78	Two Thousand Two Hundred SixtyFive Paise SeventyEight Only
27	The Carbon Housing (Top carbond / ferrodo padding) as per the Directions of EGINEER In-Charge.	Each	30.00	360.47	Three Hundred Sixty Paise FourtySeven Only
28	Stud and Nuts as per the Directions of EGINEER In-Charge.	Each	30.00	205.98	Two Hundred Five Paise NinetyEight Only
29	The Gun Metal bearing, centrifugally cast Aluminium Bronze bearing bush as per the Directions of EGINEER In-Charge.	Each	30.00	875.42	Eight Hundred SeventyFive Paise FourtyTwo Only
30	Circlips as per the Directions of EGINEER In-Charge.	Each	30.00	205.98	Two Hundred Five Paise NinetyEight Only
31	Motor base with pin as per the Directions of EGINEER In-Charge.	Each	30.00	514.95	Five Hundred Fourteen Paise NinetyFive Only
32	Transportation of pumping machineries as per the Directions of EGINEER In-Charge.	Each	30.00	1235.88	One Thousand Two Hundred ThirtyFive Paise EightyEight Only
33	Labour charges Over hauling only) Motar as per the Directions of EGINEER In-Charge.	Each	30.00	3089.70	Three Thousand EightyNine Paise Seventy Only

34	Labour charges for Lifting of non functioning submersible pump set along with cable and GI pipes (Each length = 6m)). for 50 mm as per the Directions of Engineer In-Charge.	Job	1650.00	235.85	Two Hundred ThirtyFive Paise EightyFive Only
35	Labour charges for Erection of new / repaired submersible pump set along with GI pipes (32mm / 50mm), cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (Each length = 6 m)as per the Directions of Engineer In-Charge.	Job	1650.00	192.59	One Hundred NinetyTwo Paise FiftyNine Only
36	Supplying and Drawing 3 Core Flat PVC Shelted Submerisable Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 4.0Sqm as per the Directions of Engineer In-Charge.	Rmtr	200.00	173.02	One Hundred SeventyThree Paise Two Only
37	Supplying and Drawing 3 Core Flat PVC Shelted Submerisable Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 6.0Sqm as per the Directions of Engineer In-Charge.	Rmtr	200.00	252.33	Two Hundred FiftyTwo Paise ThirtyThree Only
38	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 as per the Directions of Engineer In-Charge.	Each	20.00	3180.33	Three Thousand One Hundred Eighty Paise ThirtyThree Only
39	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers as per the Directions of Engineer In-Charge.	Each	40.00	412.99	Four Hundred Twelve Paise NinetyNine Only
40	For 12.50 HP - 90 LPM @ 264 m = 24 STG Outlet Dia - 2.00" as per the Directions of Engineer In-Charge.	Nos	2.00	66045.43	SixtySix Thousand FourtyFive Paise FourtyThree Only
41	15.00 HP - 120 LPM @ 266 m = 23 STG Outlet Dia - 2.00" as per the Directions of Engineer In-Charge.	Nos	2.00	71417.39	SeventyOne Thousand Four Hundred Seventeen Paise ThirtyNine Only
42	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia as per the Directions of Engineer In-Charge.	Each	20.00	1287.38	One Thousand Two Hundred EightySeven Paise ThirtyEight Only
43	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Engineer In-Charge.	Each	18.00	274.98	Two Hundred SeventyFour Paise NinetyEight Only
44	Supply and delivery at site wrought middle steel (galvanized) GI elbow confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union as per the Directions of Engineer In-Charge .	Each	20.00	274.98	Two Hundred SeventyFour Paise NinetyEight Only
45	Supply and delivery at site wrought middle steel (galvanized) GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI hexagonal nipple as per the Directions of Engineer In-Charge.	Each	20.00	219.37	Two Hundred Nineteen Paise ThirtySeven Only
46	Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI collar as per the Directions of Engineer In-Charge.	Nos	100.00	274.98	Two Hundred SeventyFour Paise NinetyEight Only

47	Logging / scanning of borewell at any depth continuously with the help of Logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc as per the Directions of Engineer In-Charge.	Each	14.00	3783.85	Three Thousand Seven Hundred EightyThree Paise EightyFive Only
48	Lifting of struck up Submersible Pump set, upto 300 ft as per the Directions of Engineer In-Charge.	Each	6.00	13478.30	Thirteen Thousand Four Hundred SeventyEight Paise Thirty Only
49	Labour charges for Lifting of non functioning submersible pump set along with cable and GI pipes (Each length = 6m)). for 50 mm	Job	180.00	235.85	Two Hundred ThirtyFive Paise EightyFive Only
50	Cutting and threading G.I. pipes for pump fitting, public fountains with appurtenances., where the length of pipe laid is less than 6 metres Pipes of dia 32mm to 80mm as per the Directions of Engineer In-Charge.	Each	250.00	331.63	Three Hundred ThirtyOne Paise SixtyThree Only
51	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work. In all kinds of soils. Depth upto 1.50m	Cum	67.50	548.32	Five Hundred FourtyEight Paise ThirtyTwo Only
52	Providing PVC ringite pipes conforming to IS 985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. complete For: PVC pipes 50mm dia., 6 kg/sqcm & class 5	Mtr	200.00	104.02	One Hundred Four Paise Two Only
53	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m, and lift upto 1.5 m. Including cost of all labour complete as per specifications	Cum	54.00	181.00	One Hundred EightyOne Only


Signature of the Contractor


Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.